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Application No.	09/169,141	Prepared by	10/93	Tracking Number	05976914
Examiner-GAU	IE- 2876	Date	08/30/04	Week Date	7/5/04
		No. of queries	77	(FWCE)	, , , ,

	JACKET					
a. Serial No.	f. Foreign Priority	k. Print Claim(s)	p. PTO-1449			
b. Applicant(s)	g. Disclaimer	I. Print Fig.	q. PTOL-85b			
c. Continuing Data	h. Microfiche Appendix	m. Searched Column	r. Abstract			
d. PCT	i. Title	n. PTO-270/328	s. Sheets/Figs			
e. Domestic Priority	j. Claims Allowed	o. PTO-892	t. Other			

SPECIFICATION	MESSAGE
a. Page Missing	PTV-1449 (5 pages): Please either initial or
b. Text Continuity	line through citations copies provided for
c. Holes through Data	reference).
d. Other Missing Text	
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g. Brief Description	
h. Sequence Listing	
i. Appendix	
j. Amendments	
k. Other	
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a. Claim(s) Missing	
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	initials

PTO/SB/08A (08-03)

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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Spencer A. Rathus

Complete If Known

09/769,141

1/25/2001

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Filing Date

Application Number

First Named Inventor

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Sheet 1

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Art Unit 2876 Examiner Name Le, Thien Minh Attorney Docket Number | 660-026

			U. S. PATEN	F DOCUMENTS	
Examiner Initiats*	No.	Document Number	Publication Date M9A-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pagas, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	-	Number-Kind Code ² (Face)	10.05.4070	NATA BILL AND	7,52,57,52
	1	US- 3,705,384	12-05-1972	Wahlberg	
	2	^{US-} 3,735,350	05-22-1973	Lemelson	
	_3	US- 3,976,995	08-24-1976	Sebestyen	
	4	US- 4,117,542	09-26-1978	Klausner et al.	
	5	US- 4,283,621	08-11-1981	Pembroke	-
	6	^{US-} 4,601,573	07-22-1986	Utsugi	
	7	^{US-} 4,659,213	04-21-1987	Matsumoto	T
	8	US-4,711,994	12-08-1987	Greenberg	
	9	US- 4,723,212	02-02-1988	Mindrum et al.	
	10	US- 4,793,813	12-27-1998	Bitzer et al.	
	11	^{US-} 4,812,879	03-14-1989	Suzuki	
	12	^{US-} 4,820,167	04-11-1989	Nobles et al.	
	13	^{US-} 4,839,507	06-13-1989	May	
	14	us- 4,897,865	01-30-1990	Canuel	
	15	us- 4,910,672	03-20-1990	Off et al.]
	16	US- 4,984,155	01-08-1991	Geier et al.	
	17	^{US-} 5,002,491	03-26-1991	Abrahamson et al.	
	18	^{US-} 5,021,984	06-04-1991	Meade et al.	
	19	US- 5,027,196	06-25-1991	Ono et al.	

		FORE	IGN PATENT DOCL	IMENTS		
Examiner Initials*	Cite No.	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	Γ
		Country Code ² Number ⁴ Kind Code ⁵ (# known)	MM-DD-YYYY		Or Relevant Figures Appear	T
	20	DE 2452202 A1	11-20-1975	Waterbury ·		
	21	JP 60-46,684	03-13-1985	Masaaki et al.		
	22	JP 62-98,334	05-07-1987	Yoshitomo, Abe		
	23	EP 357899 A	03-14-1990	Schulz		
	24	GB 2 232 119 A	12-05-1990	Webster et al.		
	25	JP 02103025 A	04-16-1990	Hirata, Hideyuk		

Examiner	 Date	
Signature	Considered	
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Sheet 2

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Co	mplete if Known
Application Number	09/769,1 1 1
Filing Date	1/25/2001
First Named Inventor	Spencer A. Rathus
Art Unit	2876
Examiner Name	Le, Thien Minh
Attorney Docket Number	660-026

			U. S. PATENT	DOCUMENTS	
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ^{2 (Floored)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevan Figures Appear
	26	US- 5,031,098	07-09-1991	Miller et al.	
	27	^{US-} 5,111,196	05-05-1992	Hunt, Peter F.	
	28	US- 5,119,188	06-02-1992	McCalley et al.	
	29	^{US-} 5,158,310	10-27-1992	Tannehill et al.	
	30	^{US-} 5,168,303	12-01-1992	Ikenoue et al.	
	31	^{US-} 5,173,851	12-22-1992	Off et al.	
	32	US- 5,181,062	01-19-1993	Kazumi, Jiro	
-	33	US- 5,204,813	04-20-1993	Samph et al.	
	34	US- 5,222,624	06-29-1993	Burr	
•	35	US- 5,235,509	08-10-1993	Mueller et al.	
	36	US- 5,262,860	11-16-1993	Fitzpatrick et al.	·
	37	US-5,287,181	02-15-1994	Holman	
	38	^{US-} 5,287,266	02-15-1994	Malec et al.	
	39	US- 5,288,977	02-22-1994	Amendolia et al.	
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	42	^{US-} 5,302,990	04-12-1994	Satoh et al.	
	43	^{US-} 5,310,349	05-10-1994	Daniels et al.	
	44	^{US-} 5,353,219	10-04-1994	Mueller et al.	

			IGN PATENT DOCL	MENTS		
Examiner Initials*	Cite No.1		Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	
		Country Code ³ "Number ⁴ "Kind Code ³ (# known)	MM-DD-YYYY		Or Relevant Figures Appear	T
	45	JP 02127792 A	05-16-1990	Oki, Shinji		
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	49	JP 06110913 A	04-22-1994	Watanabe		
	50	JP 6-233,159	08-19-1994	Tsutomu		Г

Examiner	Date	
Signature	Consid	horon
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Sheet 3

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Application Number 09/769,141 Filing Date 1/25/2001 First Named Inventor Spencer A. Rathus Art Unit 2876 Examiner Name Le, Thien Minh Attorney Docket Number 660-026

Complete If Known

Examiner	Cite	Document Number	Publication Date	DOCUMENTS Name of Patentee or	Pages, Columns, Lines, Where
tnitiats*	No.1	Number-Kind Code ² (Finance)	MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevant Figures Appear
	51	^{US-} 5,368,129	11-29-1994	Von Kohorn	
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	53	^{US-} 5,385,371	01-31-1995	Izawa	
	54	^{US-} 5,385,475	01-31-1995	Sudman et al.	
	55	^{US-} 5,397,156	03-14-1995	Schach et al.	
	56	^{US-} 5,401,944	03-28-1995	Bravman	
	57	^{US-} 5,410,642	04-25-1995	Hakamatsuka et al.	
	58	US- 5,412,191	05-02-1995	Baitz et al.	
	59	^{US-} 5,451,998	09-19-1995	Hamrick	-
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	62	^{US-} 5,500,681	03-19-1996	Jones	
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	64	US- 5,506,697	04-09-1996	Li et al.	
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Cite No.	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	Γ
	Country Code ³ Number ⁴ 'Kind Code ³ (if known)	MM-DD-YYYY		Or Relevant Figures Appear	7
70	JP 07056941 A	03-03-1995	Tanaka et al.		
71	JP 7-64,169	03-10-1995	Masaru, Mase		
 72	JP 11-355,699	06-05-1998	Yukihiro, Sai		
73	JP 10269326 A	10-09-1998	Nakamura et al		
74	JP 2001/142971	05-25-2001	Atsushi		

Examiner	Date	
Signature	Considered	
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Sheet 4

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Complete if Known **Application Number** 09/769,141 Filing Date 1/25/2001 First Named Inventor Spencer A. Rathus Art Unit 2876 **Examiner Name** Le, Thien Minh 660-026 Attorney Docket Number

	U. S. PATENT DOCUMENTS						
Examiner Initials*	Cite No.1	Document Number Number-Kind Code ^{2 [I known]}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Floures Appear		
	75	US- 5,615,123	03-25-1997	Davidson et al.			
	76	^{US-} 5,644,408	07-01-1997	Li et al.			
	77	US- 5,751,590	05-12-1998	Cannon et al.			
	78	^{US-} 5,801,944	09-01-1998	Kara			
	79	^{US-} 5,870,030	09-11-7627	Deluca et al.			
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	81	^{US-} 5,948,040	09-07-1999	DeLorme et al.			
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	85	^{US-} 6,002,491	12-14-1999	Li et al.			
	86	^{US-} 6,064,832	05-16-2000	Sato et al.			
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	88	us- 6,085,976	07-11-2000	Sehr			
	89	us- 6,095,418	08-01-2000	Swartz et al.			
	90	US- 6,149,441	11-21-2000	Pellegrino et al.			
	91	^{US-} 6,269,342	07-31-2001	Brick et al.			
	92	^{US-} 6,270,351	08-07-2001	Roper			
	93	^{US-} 6,311,214	10-30-2001	Rhoads			

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No.	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	Т
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Signature	Considered	

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Sheet 5

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of 5

Complete if Known				
Application Number	09/769,141			
Filing Date	1/25/2001			
First Named Inventor	Spencer A. Rathus			
Art Unit	2876			
Examiner Name	Le, Thien Minh			
Attorney Docket Number	660-026			

Examiner	Cite	Document Number	Publication Date	DOCUMENTS Name of Patentee or	Pages, Columns, Lines, Where
Initials*	Cite No.1		MIM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² of Incomp		ļ	rigules Appear
	94	^{US-} 6,313,732	11-06-2001	Deluca et al.	
	95	^{US-} 6,331,864	12-18-2001	Coco et al.	
	96	^{US-} 6,353,772	03-05-2002	Silverbrook	
	97	US- 2001/011276 A1	08-02-2001	Durst Jr. et al.	
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FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Peges, Columns, Lines, Where Relevant Passages	\Box	
	L	Country Code ³ "Number ⁴ "Kind Code ³ (if known)	MM-DD-YYYY		Or Relevant Figures Appear	T	

Examiner	Date	
Signature	Considered	
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